

*IN THE UNITED STATES PATENT AND TRADEMARK OFFICE*

Applicant: Robert Boesel, et al.  
Title: MULTI-MODE METHOD AND  
APPARATUS FOR  
PERFORMING DIGITAL  
MODULATION AND  
DEMODULATION  
Appl. No.: 10/613,476  
Filing Date: 7/2/2003  
Examiner: Smith, Creighton H.  
Art Unit: 2614  
Confirmation Number: 9528

AMENDMENT AND REPLY UNDER 37 CFR 1.111

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This communication is responsive to the Non-Final Office Action dated July 31, 2007, concerning the above-referenced patent application.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this document.

**Remarks/Arguments** begin on page 5 of this document.

Please amend the application as follows: